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**ABSTRACT OF THE DISCLOSURE**

A method and a system for determining a cornering angle of a tyre fitted on a vehicle during running of the vehicle on a rolling surface. The tyre has an equatorial plane. In the method, the length of the contact region between the tyre and the rolling surface is estimated, the length being measured at a distance from the equatorial plane; the load exerted on the tyre is estimated; a camber angle to which the tyre is subjected, is estimated; and the cornering angle is derived from the camber angle, tyre load and contact region length.